## INTERNATIONAL SEARCH REPORT

International application No.
PCT/US05/03084

		1 01/0303/03084	
A. CLASSIFICATION OF SUBJECT MATTER  IPC(7) : E04B 2/30  US CL : 52/177, 483.1, 489.1, 489.2			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 52/177, 483.1, 489.1, 489.2			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a	appropriate, of the relevant passages	Relevant to claim No.
X .	US,6631,598 A (RAINERI) 14 OCTOBER 2003 (14.10.2003), SEE ENTIRE DOCUMENT 1,2,11,12,14,15,17,19,2 1,22		
Y			
Y	US 5,761,867 A (CARLING) 9 JUNE 1998 (09.06.1998), SEE ENTIRE DOCUMENT		3,6-9,13,18
0	US 5,913,784 A (HITE) 22 JUNE 1999 (22.06.1999)		NONE
O	US 4,885,882 A (FORSHEE) 12 DECEMBER 1989 (12.12.1989)		NONE
Further	documents are listed in the continuation of Box C.		
<ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> </ul>		T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
·	olication or patent published on or after the international filing date	"X" document of particular relevance; the cl considered novel or cannot be considered	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means		when the document is taken alone  "Y"  document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
Date of the actual completion of the international search		Date of mailing of the international search report	
	05 (02.08.2005)	ו אַ יייסע בטעט	
Name and mailing address of the ISA/US  Mail Stop PCT, Attn: ISA/US  Commissioner for Patents  P.O. Box 1450		Anthorized officer  Heather C Shackelford	
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Form PCT/ISA/210 (second sheet) (January 2004)